

1. **Name:** ABAYOMI J. AJAYI-MAJEJI, PhD., PE, CMfgE, CRE, CQE

2. **Education:**

Ph.D. - (Civil Engineering /Minor/Oper.Research/Statistics) The Ohio State Univ, OH. 43210, 1983  
M.S. - (Civil Engineering / Transportation) The Ohio State University, Columbus, OH, 43210, 1980  
M.A. - (Business Administration) The Ohio State University, Col., Ohio, 43210, 1985  
B.S. - (Civil Engineering) University of Lagos, Akoka Campus, Lagos (Nigeria), 1976

3. **Academic Experiences:**

|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| 9/1/95-Present       | Full Professor, Manufacturing Engineering Dept. Wilberforce, Ohio 45384  |
| 09/98- 10/1/2000     | Chairman of MFE Dept., Central State University, Wilberforce, Ohio 45384 |
| 8/28/85-1990-8/31/95 | Assistant /Associate Professor, MFE Department, Wilberforce, Ohio 45384  |
| 12/14-12/18/2015 –   | Certified Additive Mfg System (EOSINT M280, PSW 3.7)                     |

4. **Non academic but professional engineering experiences / offers:**

3/1/2024 to Present, Vice Chairman, Dayton Chapter 18 Soc.of Manufacturing Engr (SME), 2026  
6/26/2023-8/23/2023 INL Fellow – Idaho National Lab, Materials & Fuels Complex (MFC), 2023  
6/7/2021-8/13/2021 NASA Fellow – Glenn Research Center, National Aeronautics and Space.  
5/11/2020, AFRL Sum Faculty Fellow, Space Systems Command, Albu, NM.,2020 (Offered/Declined)  
5/14/2018-8/14/2018, AFRL/AFIT Sum Fac. Fellow, Wright Patt Air Force Base, Dayton, OH., 2018  
6/6/2016-8/12/2016 NASA Fellow – Glenn Research Center, NASA Fellow 2016  
6/2/2014-8/15/2014 NASA Fellow – Glenn Research Center, NASA Fellow 2014.  
5/22/2013-8/15/2013 AFRL Fac. Fellow– Energetic Matls Munitions Dir, Eglin AFB, Eglin FL 32542  
6/6/2011-8/12/2011 NASA Fellow – Glenn Research Center, NASA 2011.  
6/7/2010-8/13/2010 NASA Fellow – Glenn Research Center, NASA 2010

5. **Professional registration and certifications:**

P.E. - Registered Professional Engineer (License No. E-50104 or 260-50104) till Dec 2027  
CMfgE - SME Certified Manufacturing Engineer (1996-June 2030)  
CQE - ASQ Certified Quality Engineer (1981 - Dec 2028)  
CRE - ASQ Certified Reliability Engineer (1981 - Dec 2028)

6. **Current membership in professional organizations**

1) Life & Senior Member, Society of Manufacturing Engineers (SME), 2) Senior Member, American Society for Quality (ASQ), 3) Life Member, American Nuclear Society (ANS), 4) Member, American Assn of University Professors (AAUP), 5) Member, American Society for Engineering Educ. (ASEE), 6) Life Member, National Society of Black Engineers, 7) Member SAMPE, 8) Member ASCE, 9) Member IEEE

7. **Honors and awards: (Selected)=**

- \*WHITE-HOUSE HBCU Champion of Change Awardee, Eisenhower Exec Off. DC, Tue 2/24/15.
- \*Society of Manufacturing Engineers (SME) Distinguished Faculty Advisor Award, December 2025
- \*Vice Chairman, SME Chapter 18 of the Dayton Society of Manufacturing Engrs (July 2023 – Present)
- \*Faculty of the Year Award, Col. of Sci. & Engr, Central State University, Wilberforce, Ohio. (2012)
- \*Faculty of The Year Award, Col. of Bus & Industry, Central State Univ., Wilberforce, Ohio. (2005)
- \* Faculty Excellence Award for Community Service, Central State Univ., Wilberforce, Ohio. (2001)
- \* Faculty Excellence Award for Community Service, Central State University, Wilberforce, OH (1995)
- \* Talmadge McKinney Faculty Excellence in Research Award, Central State Univ., Ohio. (1994)
- \* Honors Society of Phi Kappa Phi (Columbus Chapter). (1979-83)
- \* Student Leader (OSU Council of Grad. Students), Ohio State University, Columbus, OH. ('78-80).
- \* Head Boy and Head of School, Comp. HS, Aiyetoro, Nigeria ('71-72),
- \*Fellowship & Sch Recipient – Fed. Ministry of Mines/Power ('74-'76)
- \* National Chairman of the Board, African Christian Fellowship, USA. (1993-1995).

8. **Service & activities within and outside central state university**

- \* Program Coordinator, Minor in Nuclear Engineering Pgm, Mfg Engr. Dept. CSU 2007-2023
- \* National Chairman of the Board, African Christian Fellowship, USA. (1993-1995).
- \* Notary Public – State of Ohio, County of Greene (1996 – Dec. 28, 2026) (30-years)

### **9. Awards (categorical/ miscellaneous):**

1. Intel-Semi-Conductor Grant, Co-PI, \$1,300,000 2024-2028; INTEL of America Corporation Workforce Development Funding.
2. RAPIDS IV Equipment Grant for Workforce Development, \$ 107,141, State of Ohio, Department of Higher Education, Oct. 4, 2019-2023. Dr.Rahunanthan, Proj Director, Dr.Ajayi-Majebi, Res.Assoc.

### **10. Co-authored book publications:**

**“EMERGING TECHNOLOGIES IN MANUFACTURING”**, MATTHEW N. O. SADIKU, ABAYOMI AJAYI-MAJEBI, PHILIP ADEBO, (JANUASRY 2023) SPRINGER NATURE, ISBN 978-3-031-23155-1

**“EMERGING TECHNOLOGIES IN SUPPLY CHAIN ”**, CO-AUTHORS: MATTHEW N. O. SADIKU, ABAYOMI J. AJAYI-MAJEBI, PHILIP ADEBO, **XLIBRIS, (SEPT. 2025), ISBN 9798369446546**

### **11. Publications and reports: (Selected)**

1. Abayomi Ajayi-Majebi, Suraju Lawal, Zechariah, Ademodi, “Honey Comb Packaging Design Analysis Using the NX Design and Evaluation Tool, Research Project Report, Spring 2025.  
URL: <https://monolith.asee.org/public/conferences/308/papers/36118>
2. Matthew N. O. Sadiku | Uwakwe C. Chukwu | Abayomi Ajayi-Majebi | Sarhan M. Musa "Digital Natives and Religion" Published in International Journal of Trend in Scientific Research and Development (IJTSRD), ISSN: 2456-6470, Volume-6 | Issue-3, April 2022, pp.946-951, URL: <https://www.ijtsrd.com/papers/ijtsrd49637.pdf>
3. Matthew N. O. Sadiku, Olaniyi D. Olaleye, Abayomi Ajayi-Majebi and Sarhan M. Musa " Nanotechnology in the Military", Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume-8 | Issue-2, April 2021, URL: <http://www.ijtrd.com/papers/IJTRD22561.pdf>
4. Matthew N. O. Sadiku | Uwakwe C. Chukwu | Abayomi Ajayi-Majebi | Sarhan M. Musa "Digital Natives and Religion" Published in International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, Volume-6 | Issue-3, April 2022, pp.946-951, URL: <https://www.ijtsrd.com/papers/ijtsrd49637.pdf>
5. **Healthcare: A Primer"** Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333 Volume 8 Issue 2, (March - April 2021). URL : <http://www.ijtrd.com/papers/IJTRD22521.pdf>
6. Matthew N. O. Sadiku, Olaniyi D. Olaleye, Abayomi Ajayi-Majebi and Sarhan M. Musa "**Future of Manufacturing**", Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume-8 | Issue-1, February 2021, URL: <http://www.ijtrd.com/papers/IJTRD22501.pdf>
7. Matthew N. O. Sadiku, Olaniyi D. Olaleye, Abayomi Ajayi-Majebi and Sarhan M. Musa "**Ubiquitous Manufacturing**", Published in International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume-8 | Issue-1, February 2021, URL: <http://www.ijtrd.com/papers/IJTRD22439.pdf>

### **12. Presentations (Selected)**

1. Abayomi Ajayi-Majebi, Dan Mangan, Bryce Combs, Addison Carter, Joshua Baker, “Simulation Modeling Process Layout Design and Operation of the Jet Engine Lift Manufacturing System – A Study of the MARMAC Company, Xenia, Ohio, Hydraulic Differential Column Cylinder Lift Operation”, Published in the Proceedings of the 2022 ASEE North Central Section Conference, University of Pittsburgh, Swanson College of Engineering, Pittsburgh, PA, March 18 & 19, 2022.

### **13. Faculty prof. development activities & participation (Selected)**

1. Statistical analysis system (SAS data modeling workshop, April – May 2026
2. Desire to learn (D2L) courseware dev & training, CSU Cntr for Instr.Tech, Jan–Dec2024.